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10/516,315

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INFORMATION DISCLOSURE STATEMENT
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Applicants
Kimiko MUROFUSHI et al.Filing Date
January 30, 2006Group
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 2 3 8 9 6 5	08/24/93	PIAZZA et al.			
	6 1 5 0 3 4 5	11/21/00	CHUN et al.			
2004/	0 2 1 4 7 9 9	10/28/04	MUKAI et al.			
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
00	/ 0 0 9 1 3 9	02/24/00	WIPO			
00	/ 0 5 7 8 6 5	10/05/00	WIPO			
99	/ 0 4 7 1 0 1	09/23/99	WIPO			
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02	/ 0 8 3 1 4 8	10/24/02	WIPO			
5	- 2 3 0 0 8 8	09/07/93	JAPAN			
6	- 2 2 8 1 6 9	08/16/94	JAPAN			
7	- 1 4 9 7 7 2	06/13/95	JAPAN			
7	- 2 5 8 2 7 8	10/09/95	JAPAN			
9	- 0 2 5 2 3 5	01/28/97	JAPAN			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	English language Abstract of JP 5-230088, published September 7, 1993
2	English language Abstract of JP 6-228169, published August 16, 1994
3	English language Abstract of JP 7-149772, published June 13, 1995
4	English language Abstract of JP 7-258278, published October 9, 1995
5	English language Abstract of JP 9-25235, published January 28, 1997
6	W.H. MOOLENAAR, Exp. Cell. Res., Vol. 253, pp. 230-238, 1999
7	Z. GUO et al., Proc. Natl. Acad. Sci. USA, Vol. 93, pp. 14367-14372, 1996
8	HECHT, J. et al., J. Cell Biol., Vol. 135, pp. 1071-1083, 1996
9	S. AN et al., J. Biol. Chem., Vol. 273, pp. 7906-7910, 1998

EXAMINER /Rei Tsang Shiao/ (05/29/2008) DATE CONSIDERED

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
10	K. BANDOH et al., J. Biol. Chem., Vol. 274, pp. 27776-27785, 1999						
11	D.-S. IM et al., Mol. Pharmacol., Vol. 57, pp. 753-759, 2000						
12	VAN CORVEN, E., et al., Cell, Vol. 59, pp. 45-54, 1989						
13	UMANSKY, S. R. et al., Cell Death Diff., Vol. 4, pp. 608-616, 1997						
14	A. GOHLA et al., J. Biol. Chem., Vol. 273, pp. 4653-4659, 1998						
15	TIGYI, G. et al., J. Biol. Chem., Vol. 267, pp. 21360-21367, 1992						
16	JALINK, K. et al., Cell Growth & Differ., Vol. 4, pp. 247-255, 1993						
17	JALINK, K. et al., J. Cell Biol., Vol. 126, pp. 801-810, 1994						
18	TIGYI, G. et al., J. Neurochem., Vol. 66, pp. 537-548, 1996						
19	IMAMURA, F. et al., Biochem. Biophys. Res. Commun., Vol. 193, pp. 497-503, 1993						
20	K. L. O'CONNOR et al., J. Cell. Biol., Vol. 143, pp. 1749-1760, 1998						
21	J. C. STAM et al., EMBO J., Vol. 17, pp. 4066-4074, 1998						
22	MURAKAMI-MUROFUSHI, K. et al., J. Biol. Chem., Vol. 267, pp. 21512-21517, 1992						
23	KOBAYASHI, T. et al., Life Sciences, Vol. 65, pp. 2185-2191, 1999						
24	LILION, K. et al., Am. J. Physiol., Vol. 274, pp. C1065-1074, 1998						
25	MURAKAMI-MUROFUSHI, K. et al., Cell Struct. Funct., Vol. 18, pp. 363-370, 1993						
26	P. L. HORDIJK et al., J. Biol. Chem., Vol. 269, pp. 3534-3538, 1994						
27	L. R. HOWE et al., J. Biol. Chem., Vol. 268, pp. 20717-20720, 1993						
28	T. KOBAYASHI et al., Protein, Nucleic Acid and Enzyme, Vol. 44, pp. 1118-1125, 1999						
29	MUKAI, M. et al., Int. J. Cancer, Vol. 81, pp. 918-922, 1999						
30	AKEDO, H. et al., Cancer Res., Vol. 46, pp. 2416-2422, 1986						
31	M. MUKAI et al., FEBS Letters, Vol. 484, pp. 69-73, 2000						
32	Karoly LILION et al., "N-Palmitoyl-serine an N-Palmitoyl-tyrosine Phosphoric Acids Are Selective Competitive Antagonists of the Lysophosphatidic Acid Receptors", Molecular Pharmacology, Vol. 50, No. 3, pp. 616-623 (1996)						
33	Tsutomu YOKOMATSU et al., "Lipase-Catalyzed Enantioselective Acylation of Prochiral 2-(ω -Phosphono)alkyl-1,3-Propanediols: Application to the Enantioselective Synthesis of ω -Phosphono- α -Amino Acids", Tetrahedron: Asymmetry, Vol. 7, No. 9, pp. 2743-2754 (1996)						
34	SCHUMACHER, K. A. et al., Thromb. Haemostas., Vol. 42, pp. 631-640, 1979						
35	TOKUMURA, A. et al., Lipids, Vol. 13, pp. 468-472, 1978						
36	FISCHER, D. J. et al., Mol. Pharmacol., Vol. 54, pp. 979-988, 1998						
EXAMINER			/Rei Tsang Shiao/ (05/29/2008)		DATE CONSIDERED		
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
37	IMAMURA, F. et al., Jpn. J. Cancer Res., Vol. 82, pp. 493-496, 1991						
38	IMAMURA, F. et al., Int. J. Cancer, Vol. 65, pp. 627-632, 1996						
39	SHIONO, S. et al., Biochem. Biophys. Res. Commun., Vol. 193, pp. 667-673, 1993						
40	MURAKAMI-MUROFUSHI, K. et al., Biochem. Biophys. Acta, Vol. 1258, pp. 57-60, 1995						
41	SAKURAI, Y. et al., J. Neurosci. Res., Vol. 52, pp. 17-26, 1998						
42	BANKER, G. A. et al., Brain Research, Vol. 126, pp. 397-425, 1977						
43	YOKOMATSU, T. et al., Heterocycles, Vol. 46, pp. 463-472, 1997						
44	BESTMANN, H. J. et al., Chemical Ber., Vol. 0.125, pp. 225-229, 1992						
45	Chemical Abstracts, Vol. 105, abstract No. 191524, 1986						
46	S. KOBAYASHI et al., Tetrahedron Letters, Vol. 34, pp. 4047-4050, 1993						
47	"The 23 rd Symposium on Progression Organic Reactions in Life Science," November 17 and 18, 1997, The Pharmaceutical Society of Japan, Synthesis and Physiological Action of Cyclic Phosphatidic Acid and Carba Derivative, Abstract Collection pp. 101-104						
48	Kawai et al., Synthesis and Physiological Effects of Cyclic Lysophosphatidic Acid and Carba Derivative "The 23 rd Symposium on Progression Organic Reactions in Life Science," November 17 and 18, 1997, The Pharmaceutical Society of Japan, pp. 1-9, which appears to be an English translation of the above-cited "The 23 rd Symposium on Progression Organic Reactions in Life Science"						
49	C. LAUDANNA et al., J. Biol. Chem., Vol. 272, pp. 24141-24144, 1997						
50	J.-M. DONG et al., J. Biol. Chem., Vol. 273, pp. 22554-22562, 1998						
51	G. POSTE et al., Nature, Vol. 283, pp. 139-146, 1980						
52	M. MUKAI et al., Protein, Nucleic Acid and Enzyme, Vol. 44, pp. 1126-1131, 1999						
53	Kobayashi et al., CAS: 123:144502, 1995						
54	Shinagawaga et al., CAS: 124:76506, 1995						
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